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Attorney Docket No.: 42P13950

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Munroe et al. )  
Serial No.:09/454,164 )  
Filed: November 17, 1999 )  
For: CODE-BASED OPTICAL NETWORKS, )  
METHODS, AND APPARATUS )

Examiner: Phan, Hanh  
Art Unit: 2633

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §§ 1.111 AND 1.121**

Sir:  
In response to the Office Action mailed August 12, 2003, Applicants respectfully request the Examiner to enter the following amendments and consider the following remarks.